

Notice of Allowability

Application No.

09/618,200

Examiner

Jon Hadidi

Applicant(s)

BERESTOV, ALEXANDER L.

Art Unit

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to December 6, 2004.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ The drawings filed on 7/18/2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>05192005</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael K. O'Neill on May 19, 2005.

The application has been amended as follows:

1. (Currently Amended) A computer-implemented method for storage of data sets ~~described using multiple different coordinate systems into a single file format~~, the method comprising the steps of: acquiring a first coordinate system data set; formatting the first coordinate system data set into non-Cartesian representation ~~(NC)~~ (NCR) format; and storing the data set formatted into NCR format in ~~the a~~ a single file format capable of storing at least one other coordinate system data set.

7. (Currently Amended) Computer apparatus for storage of data sets ~~described using multiple different coordinate systems into a single file format~~, the computer apparatus comprising: a central processing unit; and coupled to the CPU, a memory unit comprising: a data acquisition module for acquiring a first coordinate system data set; a formatting module in communication with the data acquisition module and configured to format the first coordinate system data set into NCR format; and a storage

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module in communication with the formatting module and configured to store the NCR formatted data in ~~the~~ a single file format capable of storing at least one other coordinate system data set.

15. (Currently Amended) A computer-readable medium containing a computer program for storage of data sets ~~described using multiple different coordinate systems into a single file format~~, the computer program comprising: a data acquisition module for acquiring a first coordinate system data set; a formatting module in communication with the data acquisition module and configured to format the first coordinate system data set into NCR format; and a storage module in communication with the formatting module and configured to store the data formatted into NCR format in ~~the~~ a single file format capable of storing at least one other coordinate system data set.

Allowable Subject Matter

Claims 1-20 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

With regard to claim 1, the prior art taken singly or in combination fails to teach or suggest storing a data set formatted into NCR format in a single file format capable of storing at least one other coordinate system data set.

With regard to claim 7, the prior art taken singly or in combination fails to teach or suggest a storage module in communication with the formatting module and configured to store NCR formatted data in a single file format capable of storing at least one other coordinate system data set.

With regard to claim 15, the prior art taken singly or in combination fails to teach or suggest a storage module in communication with the formatting module and configured to store the data formatted into NCR format in a single file format capable of storing multiple at least one other coordinate system data set.

The closest cited art, Bell, describes acquiring a first coordinate system data set (Fig. 2, Source Coord. System 10); and formatting the first coordinate system data set into non-Cartesian representation (NCR) format (Fig. 2, Target Coord. System 20 and col. 3, lines 23-30).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jon Hadidi whose telephone number is 571-272-7641. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi can be reached on 571-272-7664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JH

A handwritten signature in black ink, appearing to read "Matthew C. Bella". The signature is fluid and cursive, with the first name "Matthew" being more prominent than the last name "Bella".

MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600